

ATTACHMENT J17

Louisville IAP (ANG) Wastewater Collection System

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J17 Louisville IAP (ANG) Wastewater Collection System

J17.1 Louisville IAP (ANG) Overview

The 123rd Airlift Wing (AW) of the Kentucky Air National Guard occupies two parcels of leased land on the Louisville International Airport (IAP); one of 76 acres and the other of 5. The base is located on the northeast side of the airport approximately five miles south of downtown Louisville, Kentucky. The mission of the 123rdAW is to provide worldwide theater airlift for U.S. military and to support humanitarian operations. The unit currently flies the C-130H model aircraft and occupies four administrative, six industrial and two services buildings totaling approximately 355,000 square feet. The 123rd has 334 full-time personnel, a number that surges once a month to 1,180 personnel during unit training drills.

J17.2 Wastewater Collection System Description

J17.2.1 Wastewater Collection System Fixed Equipment Inventory

The Louisville IAP (ANG) Wastewater Collection System consists of all appurtenances physically connected to the collection system from the point of demarcation defined by the Right of Way. The system may include, but is not limited to, pipelines, and manholes. The actual inventory of items sold will be in the bill of sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the Wastewater Collection System privatization are:

?? Oil Water Separators

?? Storm Sewers

?? All of the wastewater pipe on the small 5-acre parcel of the base is owned by the Louisville Water Company

J17.2.1.1 Description

The wastewater collection system operates via gravity flow and exits the base at one location. The system consists of approximately 3,900 linear feet of PVC pipe, ranging in size from four to 15 inches. Additionally, there is also 160 feet of 60-inch concrete pipe. Pipe depth ranges from three to 16 feet with tracer wire or warning tape. The system includes ten pre-cast concrete manholes ranging from six to 16 feet in depth. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J17.2.1.2 Inventory

Table 1 provides a general listing of the major Wastewater Collection System fixed assets for the Louisville IAP (ANG) Wastewater Collection System included in the sale.

TABLE 1

Fixed Inventory

Wastewater Collection System Louisville IAP (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
PVC Pipe	(in)			
	4	440	LF	1995
	6	714	LF	1995
	8	807	LF	1995
	10	1408	LF	1995
	15	483	LF	1995
Concrete	(in)			
	60	160	LF	1995
Standard Sanitary Sewer Manhole (4 ft diameter)	Depth (ft)			
	6	4	EA	1995
	8	1	EA	1995
	10	2	EA	1995
	12	2	EA	1995
	16	1	EA	1995
Notes:				
PVC = Polyvinyl Chloride				
LF = Linear Feet				
In = Inches				
FT = Feet				
EA = Each				

J17.2.2 Wastewater Collection System Non-Fixed Equipment and Specialized Tools

Table 2 lists other ancillary equipment (spare parts) and **Table 3** lists specialized vehicles and tools included in the purchase. Offerors shall field verify all equipment, vehicles, and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

TABLE 2

Spare Parts

Wastewater Collection System Louisville IAP (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3

Specialized Vehicles and Tools

Wastewater Collection System Louisville IAP (ANG)

Description	Quantity	Location	Maker
None			

J17.2.3 Wastewater Collection System Manuals, Drawings, and Records

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4

Manuals, Drawings, and Records

Wastewater Collection System Louisville IAP (ANG)

Qty	Description	Remarks
1	Wastewater Utility System Maps (electronic copy)	AutoCAD Release Version 14

J17.3 Specific Service Requirements

The service requirements for the Louisville IAP (ANG) Wastewater Collection System are as defined in the Section C Description/Specifications/Work Statement.

J17.4 Current Service Arrangement

?? **Current Provider:** Louisville Water Company

?? **Average Annual Effluent (2000):** 14,700 kGal

?? **Maximum Monthly Effluent:** 2200 kGal (September)

?? **Minimum Monthly Effluent:** 40 kGal (December)

J17.5 Secondary Metering

The Contractor shall install and calibrate new secondary meters as listed in **Table 5**. New secondary meters shall be installed IAW Paragraph C.13, Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3 and J17.6 below.

TABLE 5

New Secondary Meters

Wastewater Collection System Louisville IAP (ANG)

Meter Location	Meter Description
None	

J17.6 Monthly Submittals

The Contractor shall provide the Government monthly submittals for the following:

1. Invoice (IAW G.2). The Contractor's monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to the person identified at time of contract award.
2. Outage Report. The Contractor's monthly outage report (blockage and overflow information) will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to the person identified at time of contract award.
3. Infiltration and Inflow Report. If required by Paragraph C.3, the Contractor shall submit an Infiltration and Inflow report in a format proposed by the Contractor and accepted by the Contracting Officer. System efficiency reports shall be submitted by the 25th of each month for the previous month. System efficiency reports shall be submitted to the person identified at time of contract award.

J17.7 Infiltration and Inflow (I&I) Projects

IAW Paragraph C.3 Utility Service Requirement, the following projects have been implemented by the Government for managing and monitoring I&I: None.

J17.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Louisville IAP (ANG) boundaries.

J17.9 Off-Installation Sites

No off-installation sites are included in the sale of the Louisville IAP (ANG) Wastewater Collection System.

J17.10 Specific Transition Requirements

IAW Paragraph C.13 Transition Plan, **Table 6** provides a listing of service connections and disconnections required upon transfer.

TABLE 6

Service Connections and Disconnections
Wastewater Collection System Louisville IAP (ANG)

Location	Description
None	

J17.11 Government Recognized System Deficiencies

Table 7 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Louisville IAP (ANG) Wastewater Collection System. If the utility system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewals and Replacements Plan process and will be recovered through Schedule L-3. Renewal and replacement projects will be recovered through Sub-CLIN AB.

TABLE 7
System Deficiencies
Wastewater Collection System Louisville IAP (ANG)

Project Location	Project Description
None	